



## thyssenkrupp Materials NA

Copper and Brass Sales \* Ken-Mac Metals \* OnlineMetals.com  
 thyssenkrupp Steel Services \* thyssenkrupp Industrial Services \* thyssenkrupp Materials de  
 Mexico \* thyssenkrupp Engineered Plastics

**Daily Metal Values**  
 Market Close Numbers will be effective on file as of :  
**12/26/2019**

	12/23/2019 Market Close	12/20/2019 Prior Close	Change
Comex Copper	2.8170	2.8110	0.0060
Published Copper	3.6000	3.5900	0.0100
Published Zinc	2.0600	2.0800	-0.0200
Published Tin	14.6412	14.5890	0.0522

LME Aluminum	0.8035	0.8031	0.0004
LME Copper	2.7910	2.7921	-0.0011
LME Zinc	1.0469	1.0619	-0.0150
LME Nickel	6.5295	6.4501	0.0794
LME Tin	7.8812	7.8290	0.0522
LME Lead	0.8614	0.8659	-0.0045
Comex Silver per Troy Oz.	17.4030	17.1280	0.2750

LME Alum (3-mth future avg)	0.8190	0.8183	0.0007
Midwest Spot Alum (Daily)	0.9551	0.9544	0.0007

Averages:	Month to Date	Prior Month
Nickel	6.2725	6.8944
Comex CU	2.7509	2.6546
Midwest Spot	0.9495	0.9596

USD to CAD Conversion Effective:	12/26/2019	1.31378
CAD to USD Conversion Effective:	12/26/2019	0.76116

Weekly:	12/19/19	12/12/19	Change
Ferro-chrome HC min 60-65% Cr 6-8% C	0.89	0.89	0.00